

Rabbit anti-Human MCM10 Polyclonal Antibody | anti-MCM10 antibody

MCM10 Antibody

CATALOG # AAA309152	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

MCM10; Polyclonal Antibody; MCM10 Antibody; CNA43; DNA43; PRO2249; anti-MCM10 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MCM10 protein.
Purity/Purification	Antigen affinity purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.3mg/ml (varies by lot)
Sequence Length	874
Applicable Applications for anti-MCM10 antibody	IHC (Immunohistochemistry)
Immunogen	Fusion protein of human MCM10
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using MCM10 Antibody at dilution 1/100. (Original magnification: x200)



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MCM10 Antibody at dilution 1/100. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-MCM10 antibody

The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre-RC) and it may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein can interact with MCM2 and MCM6, as well as with the origin recognition protein ORC2. It is regulated by proteolysis and phosphorylation in a cell cycle-dependent manner. Studies of a similar protein in *Xenopus* suggest that the chromatin binding of this protein at the onset of DNA replication is after pre-RC assembly and before origin unwinding. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33383235
NCBI GeneID	55388
NCBI Accession #	NP_060988.3
NCBI GenBank Nucleotide #	NM_018518.4
UniProt Accession #	Q7L590; Q3MIR3; Q7LD55; Q96GX4; Q96NB6; Q9H0D7; Q9H3P9; Q9P177; A8K9I6; B7ZKZ8; AAB34784; AAB34309
Molecular Weight	98,084 Da
NCBI Official Full Name	protein MCM10 homolog isoform 2
NCBI Official Synonym Full Names	minichromosome maintenance 10 replication initiation factor
NCBI Official Symbol	MCM10
NCBI Official Synonym Symbols	CNA43; DNA43; PRO2249
NCBI Protein Information	protein MCM10 homolog
UniProt Protein Name	Protein MCM10 homolog
UniProt Gene Name	MCM10
UniProt Synonym Gene Names	HsMCM10
UniProt Entry Name	MCM10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mcm10-antibody-immunohistochemistry-elisa/309152>